

Sir:  
1637  
U.S. PTO  
011404

Transmitted herewith for filing is the Patent Application of:

Inventor: **KUO-CHI TU**

**A NOVEL RANDOM ACCESS MEMORY (RAM) CAPACITOR IN SHALLOW TRENCH ISOLATION WITH IMPROVED ELECTRICAL ISOLATION TO OVERLYING GATE ELECTRODES**

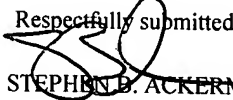
Enclosed are:

- ☒ 7 sheets of drawing(s) - formal.
- ☒ An assignment of the invention to **Taiwan Semiconductor Manufacturing Co.**
- ☐ An associate power of attorney ☐ Applicant claims small entity status
- ☐ Request & Certification under 35 USC 122(b)(2)(b)(i)

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 770.
TOTAL CLAIMS	32 -20=	12	x 18 =	\$ 216.
INDEP CLAIMS	2 -3=	0	x 86 =	\$ 0.
SUB TOTAL				\$ 986.
ASSIGNMENT				\$40.
TOTAL				\$ 1,026.

- ☒ Please charge my Deposit Account No. 19-0033 in the amount of **\$ 1,026**. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR §1.16.
- ☒ Any patent application processing fees under 37 CFR §1.17.

Respectfully submitted,  
  
STEPHEN B. ACKERMAN, REG. NO. 37,761

**EXPRESS MAIL CERTIFICATE**

Express Mail No. **EV385357638US**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Assistant Commissioner of Patents, Alexandria, VA, 22313-1450. Applicant and/or Attorney requests the date of deposit as the Filing Date.

1/14/04  
Date of deposit

1/14/04  
Signature / Date

15535 U.S. PTO  
10/757203  
011404